

DIALOG(R) File 351:DERWENT WPI  
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004659147

WPI Acc No: 86-162489/198626

XRPX Acc No: N86-121050

Closure plug esp. for artery - is of hyperboloid form made of plastics,  
metal or textile to spring out and fill duct

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DD 233303	A	19860226	DD 272057	A	19841228		198626 B

Priority Applications (No Type Date): DD 272057 A 19841228

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
DD 233303	A		8			

Abstract (Basic): DD 233303-A

The closure to be introduced by catheter into a blood vessel esp.  
for closing the duct arteriosus persistens or other ducts associated  
with the heart and lungs, has in the unloaded condition, the shape of a  
single-shell hyperboloid. After introduction into the blood vessel, it  
tends to spring out into this form.

The closure may be of metal, metal alloy, plastics, metal-textile  
compound, metal-plastics compounds, metal balloon or plastics-textile  
compounds. On at least one side of the closure, there is a fixing  
element (7) to which a holding wire can be attached.

USES/ADVANTAGES - As a blood vessel closure device. Esp. for  
closing the duct arteriosus persistens. Minimum risk to the patient.

The device can be used in ducts of a great variety of sizes. (8pp

Dwg.No.1/6)

Title Terms: CLOSURE; PLUG; ARTERY; HYPERBOLIC; FORM; MADE; PLASTICS; METAL  
; TEXTILE; SPRING; FILL; DUCT

Derwent Class: P31; P34

International Patent Class (Additional): A61B-017/12; A61M-025/00

File Segment: EngPI

